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01-08-2

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. : 39582/KMO/W112
Inventor(s) : Kristine B. Fuimaono and Maria G. Rangel
Title : CATHETER HAVING MULTIPLE SPINES EACH HAVING
ELECTRICAL MAPPING AND LOCATION SENSING CAPABILITIES
Express Mail Label No. : EL904791692US

ADDRESS TO: Assistant Commissioner for Patents

Box Patent Application
Washington, D.C. 20231

Date: December 31, 2001

1. FEE TRANSMITTAL FORM (Submit an original, and a duplicate for fee processing).

2. IF A CONTINUING APPLICATION

This application is a of patent application No. .

Prior application information: Examiner ; Group Art Unit:

This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4),
to provisional Application No. .

3. APPLICATION COMPRISED OF

Specification

17 Specification, claims and Abstract (total pages)

Drawings

7 Sheets of formal drawing(s) (FIGS. 1 to 8)

Declaration and Power of Attorney

Newly executed

Unexecuted declaration

Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4. Microfiche Computer Program (Appendix)

5. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

Computer Readable Copy

Paper Copy (identical to computer copy)

Statement verifying identity of above copies

6. APPLICANT(S) STATUS UNDER 37 CFR § 1.27

Applicant(s) and any others associated with it/them under § 1.27(a) are a SMALL
ENTITY

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7. ALSO ENCLOSED ARE

- Preliminary Amendment
- Includes "Cross-Reference to Related Applications"
- A Petition for Extension of Time for the parent application and the required fee are enclosed
- An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
- This application is owned by pursuant to an Assignment recorded at Reel , Frame
- Information Disclosure Statement (IDS)/PTO-1449
- Copies of IDS Citations
- Certified copy of Priority Document(s) (*if foreign priority is claimed*)
- English Translation Document (*if applicable*)
- Return Receipt Postcard (MPEP 503) (should be specifically itemized).
- Other

8. CORRESPONDENCE ADDRESS

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068
Customer Number: 23363

Respectfully submitted,

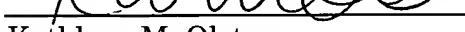
CHRISTIE, PARKER & HALE, LLP

By

Kathleen M. Olster

Reg. No. 42,052

626/795-9900



KMO/edb

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

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Duplicate no _____

FEE DETERMINATION

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	Fee
TOTAL CLAIMS	28 - 20	8	x \$9.00	8 x \$18.00	\$144.00
INDEPENDENT CLAIMS	3 - 3	0	x \$42.00	x \$84.00	-0-
MULTIPLE-DEPENDENT CLAIMS FEE			\$140.00	\$280.00	-0-
BASIC FEE			\$370.00	\$740.00	\$740.00
					TOTAL FILING FEE \$884.00

List Independent Claims: 1, 18 and 26

METHOD OF PAYMENT

No filing fee enclosed

No Deposit Account Authorization.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

Kathleen M. Olster
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626/795-9900